

are each effective to reduce the number of tumor cells in the patient compared to the number of tumor cells if the patient is not so treated.

26. The kit of claim 25, wherein the extracts in each container originate from a different species.

27. The kit of claim 25, wherein said animal is a human.

28. The kit of claim 25, wherein said tissue, serum or cell source is goat, calf or pig liver, or bovine red blood cell.

29. The kit of claim 25, wherein said MHC molecules have a molecular weight above 10,000 daltons and are extracted from the tissue, serum or cell source with one or more detergents.

30. A method for the preparation of the kit of claim 25, comprising preparing the extracts from at least two different animal tissue, serum or cell sources.

31. The method of claim 30, in which the extracts in each container are extracted from different species.

32. The method of claim 30, further comprising homogenizing said tissues, sera or cells in the presence of <sup>Trade name</sup> Nonidet P40, centrifuging the homogenate and separating the supernatant, and dialyzing the supernatant against PBS through membranes with a cutoff of at least 10 kDa.

33. The method of claim 32, wherein said homogenization is carried out until cell lysis is substantially complete, and wherein 150 to 450 ml of PBS and 0.3 to 1.8% Nonidet P40 (v/v) are used for each 100 g of original material.

34. A method for the treatment of cancer comprising administering to a patient an extract from an animal tissue, serum or cell source, wherein said extract comprises MHC molecules and associated molecules;

is preparable by a) homogenizing the tissue, serum or cell source in the presence of NP40,  
or b) treating it with an acid, or c) treating it with a proteolytic enzyme; and

is effective to reduce the number of tumor cells in the patient compared to the number of tumor cells if the patient is not so treated.

35. The method of claim 34, comprising administering to said patient at least two doses of said extracts comprising MHC molecules, one extracted from an animal tissue, serum or cell source and the other extracted from a different such source, wherein each of said doses is in an amount effective to reduce the number of tumor cells in the patient compared to the number of tumor cells if the patient is not so treated.

36. The method of claim 35, wherein the two extracts originate from different species.

37. The method of claim 36, wherein said extracts from different species are administered sequentially or alternately.

38. The method of claim 34, wherein said animal is a human.

39. A kit useful for the treatment of cancer in a patient, comprising at least two containers, each comprising an amount of MHC molecules which may be found in an animal tissue, serum or cell source different from that of the other container,

wherein said extracts comprise MHC molecules and associated molecules;

are preparable by a) homogenizing the tissue, serum or cell source in the presence of NP40, or b) treating said source with an acid, or c) treating said source with a proteolytic enzyme; and

are each effective to reduce the number of tumor cells in the patient compared to the number of tumor cells if the patient is not so treated.--